Scott. II-27—45,000—9-11-34.

Revenue (1935) Department.

Ms SERIES.

G.O. No. 2377

DATED 8/10/35

[Despatch Abstract.]

Irrigation Projects (Bellary)

Basavannah Extension

Channel Scheme — Revised

Revenue Forecast.

Recorded.

Revenue Deptt

OM no. 4472 B.34-1 d.5-11-34

Irrigation - (Belle

- Basavanna channel eh

Revised revenue forecast

Ref no. 1452 Rev., dated

25-7-34.

The Board of Revenue

is requested to submit as early as possible the

revised financial forecast

called for in paragraph 9

of Ref no. 1452 Rev., dated 25-7-34

Rec'd

4-11-34

5/11

5.11.34

6/7/11

6/7/11

Issued 6/7/11

Rev. 5.1.35

2nd Rem 5-2-35

Rec'd 20-2-35

Rec'd 22/2 (2nd)

Rev 5.3.35

Rec'd 21-3-35

Rev 5.4.35

Do Rec'd 21.4.35

The Board of Rev

Rev. 7-5-35

Rec'd 22-5-35

Rev 6.35

Reminder 28.6.35

Rev 6.8.35

Rec'd - 20.8.35

2

ASST. SECRETARY TO GOVT. 13 AUG 1935 REVENUE DEPARTMENT

C.F. 31

Revenue **DEPARTMENT.**

CURRENT No. Rev CN: 3243 B 13-8-35

Received ..... 19 *Registered* 19 3/ 13/8/35

Subject.

Irrigation - (Bellary) Basavannah Extension Channel Revised Revenue forecast.

ENCLOSURES.
No. .....
.....
Spare copies .....

Reference H. No. 2880/34-3.

Station Madras. *Dated the* 10th August 1935.

From

M.K.Vellodi Esq., I.C.S.,
Joint Secretary,
The Board of Revenue, ~~Revenue Settlement, etc.~~ Land Revenue.
~~Separate Revenue.~~

M.R.Ry. Diwan Bahadur N.Goapalaswami Ayyangar Avl., C.I.E.,
Commissioner of Land Rev. and Settlement.

~~Resolution~~ Reference.

Read the following:

Memorandum from Government, Revenue Department, No. 3702 B/34-1, dated 19th September 1934.

II.

Memorandum from Government, Revenue Department, No. 472 B/34-1, dated the 5th November 1934.

Letter from T.Bhaskara Rao Esq., I.C.S., Collector of Bellary, D.Dis. C.No.47/33 Confdl.. dated 8th July 1935.

REFERENCE:

In paragraph 6 (iii) of his note No. 670/23-A-E-P., dated 31st October 1924 (printed in G.O. No. 445-I, dated 19th

December 1924) the Chief Engineer stated that the extent of dry lands which had then been under irrigation was 1350 acres. The Collector now reports that the extent of dry lands irrigated at any time during the last ten years is only 954 acres. From the details of the wet ayacut under the Basavannah and Roya channels and the Kamalapuram tank, now furnished by the Collector, the Board observes that there is an excess of 249 acres over the extent reported in 1924. The Board presumes that this extent must subsequently have been transferred to wet. The Collector is requested to report whether the presumption is correct.

2. The financial forecast submitted by the Collector calls for the following remarks:-

(i) In paragraph (2) of his letter the Collector states that a further extent of not more than 50 acres is likely to be brought under irrigation from the project. It is not clear from the Collector's letter whether those lands had ever been irrigated previously from the existing channels and if not, the proper course will be to take into account in working the financial forecast the full rates of watercess leviable on these lands viz. Rs.10 an acre.

(ii) Credit has been taken in the forecast for a sum of Rs.5000/- towards watercess at Rs.5/- an acre on the dry lands already under irrigation. The existing rate of water cess leviable on these lands is the one specified in Section A of Appendix I of B.S.O. No. 4 (2) viz. Rs.4 an acre while the proposed rate is Rs.10/-. Credit should therefor be taken for the difference between the existing and the proposed rates, viz. Rs.6/- an acre.

(iii) The present forecast includes an item of revenue under 'income from penalties on irregular irrigation' As this is not a fixed item of revenue, it should be omitted from the forecast.

The Collector is requested to submit at a very early date a revised forecast in the light of the above remarks.

3. In the penultimate sentence of paragraph 2 of his letter the Collector states that the extent of 1000 acres of dry lands referred to therein can be transferred to wet. His attention is invited to paragraph 1 of the Government Memoranum No. 2606-B/31-5 Rev., dated 25th April 1932 communicated with the Board's Reference No. 187/32-1 (Confdl) dated 7th May 1932 and he is informed that the dry lands irrigated from the Basavannah and the Roya channels and the Kamalapuram tank should be retained as dry subject to payment of water cess.

4. With reference to paragraph 3 of his letter read above the Collector is requested to see that the work of verification of the ayacut registers and the issue of permits is completed as early as possible and the fact reported to the Board. He is also requested to report whether the consent of the ryots has been obtained for the inclusion of their lands in the ayacut.

12.8.35

Joint Secretary.

To the Collector of Bellary;

Copy to the Secretary to Government, Revenue Department.

s.s./12-8-35.

ASM+KR 12/8

Copy of letter from T.Bhaskara Rao Esq., I.C.S., Collector of Bellary. D.Dis. C.No.47/33 Confdl., dated 8th July 1935.-

Irrigation (Bellary) - Basavannah and Roya channels - Kamalapuram tank - Fixation of ayacut.

Board's Ref. H.2880/34-1, dated 1st June 1935.

In the financial forecast contained in G.O. No. 445 -I, dated 19th December 1924 communicated with B.P. No. Mis. 6/25 dated 3rd January 1925, the following areas were included.

	Acres.
(a) Basavanna Extension channel	2000
(b) Dry land	1349

The extents of both these items now require modification as stated below

(a) Basavanna Extension channel 1600 acres.

The following are the approximate ayacuts as worked out by the Executive Engineer, Bellary.

Position of sluices.	Ayacut in acres.	Remarks.
13/1	Nil.	23.00 originally proposed to be irrigated under the extension channel will be irrigated under the sluice 12/o or the old channel credit should however be given for this in the new channel.
13/4	66.16	The area originally proposed under the sluice within Municipal area has been excluded.

15/7	2-27	The area originally proposed under the sluice within Municipal area has been excluded.
16/1	10-13	do do.
16/2	188-26	The reduction is due to eliminating the area which is not commandable.
18/3	122-94	The area has been inspected fieldwar by the P.W.D. Overseer and Karnam and omitting the rocks the area commandable has been taken
18/6	200-53	The area has been inspected fieldwar by the P.W.D. Overseer and Karnam and omitting the rocks the area commandable has been taken
19/5	534-77	do. do
19/6	452-95	do. do
	1577-91	

If the area of 23 acres under the old channel is added the ayacut is almost exactly 1600 acres. As this area is arrived at, after actual inspection, with reference the commandability by flow, this has been adopted in the revised forecast.

(b) Dry land 1000 acres. In paragraph 7 (b) of the referred to above the total ayacut is shown as state below.-

Channel

Channel.	Wet Acres.	Dry. Acres.	Total Acres.
Roya channel.	3307	887	4194
Old Basavanna channel.	1139	176	1315
Kamalapuram tank	474	286	760
Basavannah extension channel. (proposed).	2000		2000
	6920	1349	8269

The details of the registerod wet and dry lands irrigated at any time during the last 10 years are furnished below.

Channel.	Registered wet.	Dry.	Total.
Roya channel	3806	684	4490
Old Basavanna channel.	1271	128	1399
Kamalapuram tank	487	142	629
	5564	954	6518

Total ayacut is then actually 249 acres (6518-6269 (excluding proposed extent of 2000 acres)) in excess of the proposed ayacut but the dry area is only 954 acres against 1349 acres in the original forecast. The Executive Engineer considers that not more than 50 acres of dry land in Government villages can be further irrigated. Thus there does not appear to be more than 1000 acres of dry land which can be transferred to wet The extent of 1000 acres (dry has now been adopted for purposes of forecast.

2. From Renalties on irrigegular irrigation a sum of Rs.500/- is expected and is included in the forecast together with the interest on the sale proceeds of 368 acres of dry land proposed to be sold to the India Sugars Limited, Hospet. The

total net revenue worked out represents a return of 3.19 %.

3. The Executive Engineer, Bellary, has recently prepared the ayacut registers for the Basavanna channel, Roya channel and Kamalapuram tank and sent them to this office for check They will be returned to him after verification by the Tahsildar of Hospet, with the village accounts. He will then be asked to take up the question of issue of permits in respect of dry lands included in the ayacut registers with effect from the next fasli or earlier if possible.

Revised forecast on the Basavanna channel extension scheme.

Revenue on 1600 acres of Government land	
(1) at Rs.10 per acre.	16000-0-0
(2) Watercess on 1000 acres of dry land at Rs.5/- per acre.	5000-0-0
Net revenue due to Government after deducting the present revenue derived is noted.	
3) Income from penalties on irregular irrigation.	500-0-0
4) Dry assessment on 368 acres at 6 annas per acre.	138-0-0
5) Interest at 6 per cent on the sale proceeds of 368 acres of dry land to be sold at Rs.15 per acre to the India Sugars Limited viz. Rs.5520	330-0-0
(This requires revision if the saleable value per acre is enhanced by the Board with reference to this office C.No.2023/34-A-3, dated 7-6-35 in reply to Board's C. 2012/34-13, dated 15-5-35)	
	21968-0-0

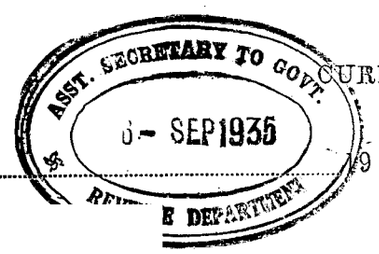
* An application from the Sugar Factory has been received in 7 sections and forwarded to the Bd for grants (for assignment of lands). Bd's report not yet been received.

Deduct working expenses at 12 annas per acre on 2600 acres.	1950-0-0
Collection charges at 5 per cent of the revenue in items 1 to 4.	1082-0-0
	3032-0-0
Net income forecasted	18936-0-0
Total cost of the scheme	592800-0-0

Revenue will therefore be 3-19 %.

C.F. 31

Revenue **DEPARTMENT**



CURRENT No. 35-36B

Received ..... 19 *Registered* 6.9.35 19

B1 MV 6/9/35

Subject.

Irrigation - Projects - (Bellary) - Basavannah Extension Channel Scheme - Revised Revenue Forecast - Submitted

ENCLOSURES.
No.....
.....
Spare copies.....

Reference H. No. 2880/34-4.

Station Madras, *Dated the* 3rd September 1935.

From

M.K.Vellodi Esq., I.C.S.,
Joint Secretary,
The Board of Revenue, ~~Revenue Settlement, etc.~~ Land Revenue & ~~Separate Revenue.~~

M.R.Ry. Diwan Bahadur N.Gopalaswami Ayyangar Avl., C.I.E.
Commr. of Land Rev. and Sett.

~~Resolution~~
~~Reference~~.

Read the following:

I Memorandum from Government Revenue Department, No. 3702-B/34-1, dated 19th September 1934.

Memorandum from Government, Revenue Department, No 4472 B/34-1, dated the 5th November 1934.

Board's Reference H.No.288/34-3, dated 10th August 1935.

Letter from T.Bhaskara Rao, Esq., I.C.S., Collector of Bellary, Confdl. No. 45/35, dated 17th August 1935.

REFERENCE:

With reference to paragraph 9 of their Order

No. 1452 Revenue, dated 25th July 1934, the Board submits to Government a revenue forecast of the Basavannah Extension Channel Scheme, as revised by it.

2. The further report promised in the Collector's letter read above is awaited.

Joint Secretary.

To the Secretary to the Government, Revenue Department
To the Collectorof Bellary.

with a forecast.

s.s./4-9-35.

Copy of letter from T.Bhaskara Rao Esq., I.C.S., Collector of Bellary, Confdl. No. 45/35, dated 17th August 1935.

Irrigation - (Bellary) - Basavanna Extension channel
Revised Revenue forecast

Ref.- Board's Ref. No. H.2880/34-3, dated 10th August 1935.

Paragraph 1 of the Reference.-

The Board's presumption that the excess extent of 249 acres has been transferred to wet is correct

Paragraph 2 of the reference.-

A revised forecast prepared on the lines suggested by the Board is enclosed.

Paragraph 4 of the Reference.-

A report will be submitted in due course.

Revised Revenue forecast of the Basavannah Channel Extension Scheme.

	Rs.	A.	P
(1) Water cess on 1650 acres of Government dry lands at Rs. 10 per acre	16500	0	0
(2) Additional revenue due to revision of water-cess on an extent of 950 acres of dry lands already under irrigation - at Rs. 6 per acre (being the difference between the existing and proposed rates of water-cess).	5700	0	0
(3) Dry assessment on 368 acres of waste lands at 6 annas per acre.	138	0	0
(4) Interest at 6 per cent on the sale proceeds of 368 acres of dry assessed waste lands at Rs. 15/- per acre (which is the estimated present average value of the lands).	331	0	0
	22669	0	0
Deduct working expenses at 12 annas per acre on 2600 acres.	1950	0	0
Collection charges at 5 per cent of the revenue on items (1) to (3).	1117	0	0
	3067	0	0
Net revenue	19602	0	0
Total cost of the Scheme	592800	0	0

Return .. 3.31 %.

Revised forecast as worked out 1932.

pp. 3-4 ante

(1) Water-cess on 2000 acres of Govt. dry lands at Rs 11 an acre	22,000
(2) Increase of water-cess on 1349 acres of tiruvapsh lands under the Basavannal Channel, Raya channel and Kamalapuram tank (1349 × 11 − 1349)	13,490
(3) Dry assessment on 368 acres of Govt. waste lands at annas 6 an acre	138
Gross revenue	35,628
Deduct (i) working expenses at annas 12 per acre on 3,349 acres - Rs 2512 (ii) collection charges at 5 percent on gross revenue Rs 1781	4,293
Balance	31,335
Add Interest at 6 percent on the sale proceeds of 368 acres of Govt. waste lands at Rs 100 an acre	2,208
Net revenue	33,543

Total cost - Rs 6,17,479

Return - 5·43 percent

Revised forecast as now submitted by the Board

page 2 (i) para 3 of

	Rs
(1) water-cess on 1650 acres of Govt. dry lands at Rs 10 an acre	16,500
(2) Additional revenue on 15 revision water-cess on an extent of 950 acres of dry lands already under irrigation at Rs 6 per acre (being the difference between the existing and proposed rate water-cess	C on p. 8 of 5700. para 2 (ii) of 3 of
(3) Dry assessment on 368 acres of waste lands at annas 6 an acre	138
	22,338
Deduct (i) working expenses at 12 annas per acre on 2600 acres - Rs 1950 (ii) collection charges at 5 percent on items (1) & (3) - Rs 1117 -	3067
Bala	19271
Add Interest at 6 percent on the sale proceeds of 368 acres of dry lands at Rs 15 per acre (which is the estimated present average value of the lands)	331
Net revenue	19,602

Total cost - Rs 5,92,900

Return - 3·31 percent

13/3/35 OK. 18/3/35

Revenue Department

Irrigation - (Bellary) - Basavanna channel ch. - Revised revenue forecast

Call in G.O. 1452 Rev., d. 25-1-

(Cno. 3243 B/35) From the Bd of Rev. LRs. Rep. H. 2880/B 10 & 22-3 dy 2-4 cf

ASST. SECRETARY TO GOVT. 1 NOV 1934 REVENUE DEPARTMENT

Para 9 of 22 (5)

To Asstt Secy

Please see the memo on page 1 cf, and the Board's reference to the Collector on pages 2-4 cf — Copy submitted to the Govt for information.

The receipt of the Board's report on the subject may be awaited

17.8.35

Mulky 16.8.35 OMK. 16/8/35

(Cno. 3536 B/35) From the Board of Revenue LRs Rep. H. No. 2880/B 22-4 dy 3.9.35

To Asst Secy

The file relates to the revised revenue forecast of the Basavannah Extension Channel scheme in the Bellary district

In Go. No. 445 R, dy 19-12-24 the Government approved an estimate

of Rs 4,23,572 (including interest charges) for improvements to the Basavannah channel In the financial forecast then prepared by the Board a rate of Rs 8 an acre for the new area was assumed (the rate of water-cess then in force was apparently Rs 4) At this rate the scheme was expected to produce a net revenue of Rs 27,309 yielding a return of 6.45 percent It was therefore sanctioned in 1924 as a productive work

2. The cost however increased during Construction and a revised estimate for Rs 5,51,000 (including charges on account of establishment tools and plants etc) was sanctioned in Go. No. 2350 I dy 24.9.28 At the rate of water-cess originally assumed by Rs 8 per acre the return fell to 4.90 percent. The scheme was therefore classed unproductive from 1-4-1928.

4. In November 1931 the Chief Engineer for Irrigation reported that the Superintending Engineer expected a total excess of Rs 12,000

over the ~~estimate~~ revised estimate of Rs 5,51,000

The total cost of the scheme as reported by the Executive Engineer was expected to be Rs 6,17,479 according to a report of the Collector dated 2-2-1932 The Collector suggested that a rate of Rs 11 or a little less should be charged to make the work productive as against the rate of Rs 8 an acre originally assumed He was, however, doubtful if it would pay to put the cess as high as Rs 11 for even the majority of the lands in question The Board agreed with the Collector that water-cess should be charged at Rs 11 an acre On the basis of this rate a revised forecast was worked out as shown below: —

	Rs
(1) water-cess on 2000 acres of dry land at Rs 11 an acre	22,000
(2) Increase of water-cess on Rs 1,349 acres of tinnayati lands under the Basavanal channel, Roychannel, and Kamalapuram tank (1349 x 11 = 1349)	13,490
(3) Dry assessment on 368 acres of cost waste lands at 6 annas an acre	138
Gross revenue	35,628

Deduct

(1) Working expenses at 12 annas per acre on 3,349 acres - Rs 2,512

(2) Collection charges at 5 percent on gross revenue - Rs 1,781

Add

Interest at 6 percent on the sale proceeds of 368 acres of Govt waste lands at Rs 100 an acre } 2,20

Net revenue 33,54

Return 5·43 percent on the total cost of the Scheme Rs 6,17,474 T work was thus expected to continue to be unremunerative

5. In October 1933 the Chief Engineer for Irrigation submitted a second revised estimate amounting to Rs 5,92,800 inclusive of direct and indirect charges for the schem The estimate was approved in Govt. No. 2567-I, dt 25-11-1933. The question of reducing the rate of water-cess of Rs 11 an acre was al under the consideration of Govern ~~It was separately dealt~~ It was fou

and the Country undulating and in places rocky. The rate of water-cess was therefore fixed at Rs 10 an acre. When publishing draft rules for the levy of water-cess in Go. No. 1452 Rev. dy 25-7-1934, the Govt in para 9 of the Go. called for a revised forecast with reference to the rate of water-cess adopted in the draft rules and the revised estimate of Rs 5,92,800 sanctioned in Go. No. 2567-9, dy 25-11-1933. The rules for the levy of water-cess have since been confirmed in Go. No. 2592 Rev dy 13-12-1934

6. The Board has now submitted the revised revenue forecast called for. It is observed that there is a change in the area irrigated by the scheme-wise forecast on page 14 cf as compared with that given on pages 3-4 ante. The decrease in the area is explained in the Collector's letter on pages 6-8 cf read with the Board's reference (Collector) on pages 2-4 cf slightly reducing

the figures of the Collector. The return on the cost of the scheme with reference to the rates of water-cess as finally revised works out to 3·31 percent. A comparative statement between the forecast of 1932 and that now submitted by Bd is at p 14 cf. H/P Sch and at p 14 at page at (A) to the ~~letter~~ of reference.

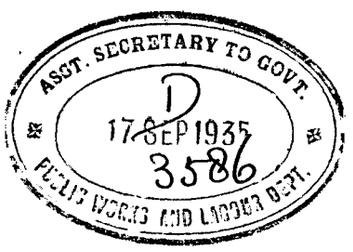
7. In para 4 of its reference on page 4 cf the Board ~~has~~ asked the Collector to see that the work of inspection of the adjacent registers and the issue of permits was completed as early as possible and the fact reported to it. The Collector was also asked to report whether the consent of the ryots had been obtained for the inclusion of their lands in the adjacent The Board awaits a further report from the Collector, ~~on this recommendation by him~~. Attention in this connection is invited to the linked file. Extn will be taken and added to that file

8. The revised forecast now submitted may be recorded. A draft order is submitted for approval It may be sent to Pwk and finance for acceptance

13/9/35 When this scheme was sanctioned in 1924 it was expected that a new area of 2,000

13/9/35

acres of Government dry lands would be brought under irrigation yielding a water-cess revenue of Rs.8/- per acre, and that 1,349 acres of dry lands already under irrigation would be converted into wet yielding a wet assessment of Rs.8/- per acre. The return was calculated at 6.45 per cent. It is now found that the area of Government dry lands which will be newly brought under irrigation is only 1,650 acres and that the area of the Government dry lands already under irrigation is only 950 acres. With a water-cess of Rs.10/- per acre for all dry lands including those already under irrigation, the return now expected is only 3.31 per cent. Even this return will not be realised, because the forecast now submitted by the Board, in which that percentage is shown, does not take into account the concessional rates of water-cess to be charged during the first 4 years on lands to be newly brought under irrigation. Under rule III of the Water-cess Rules approved in G.O.No.1452, Rev., dated 25-7-1934, the rates to be charged in respect of the first two years of irrigation ~~is~~ are only one-fourth of the full rates and in respect of the third and fourth years, the rates are one-half and three-fourths respectively, of the full rates. Attention is invited to Sir Archibald Campbell's minute dated 25-3-32 on page 6--7 of notes to G.O.No.1452, Rev., dated 25-7-34 in which he characterises this scheme as an admirable example of "muddling through".



A A on pp 6-7 of notes to G.O.(2)

Revenue 44 2 B 30-2

16 9 35

OW 2 & Fin

14.9.35

16.9.35 S

Fin

May be perused & passed on to Fin The work is admittedly a failure from the financial point of view, but it is in the Hospet taluk of the Bellary Dt which is part in class B i.e. tracts where the return on the outlay is fixed as 4 pc for purposes of protective irrign works. Judging by this standard, the work may be considered to have justified itself as a protective work to a certain extent. However, whatever may be the result, it seems that no useful purpose will be served by going into the matter deeper

WS/25

24.9.35

Pa 25.9 S

WM 25/9

Fin

Revenue No 35868/35-1 (Write 27) 25.9.35

Fin (Accts) Deptt.

May be perused and returned to the Revenue Deptt

M

Fin no 30010 Accts 1 21/X/35.

Confidential

Circ 5.X.35 Box C-15 P

1/X/35 MK 1/10/35

S

W. 2.10.35

WM 2/10

Rev.

SECRETARY TO GOVERNMENT 26 SEP 1935 REVENUE DEPT.

ASST. SECRETARY TO GOVT. 1935 REVENUE DEPARTMENT

Rv 3909B 3.10.35

May be recorded

3.10.35

4.10.35

C3

I have rarely known a worse case than this. From beginning to end it has been a muddle. The Channel was wrongly aligned, its cost was miscalculated & the nature of the land it had to pass thro' was improperly investigated. We shall never get even 3d/0 for... What D says of it!

But there it is

Ours
6/10

To. Book Secy.

Submitted for orders as to the issue of the draft asked.

Gully
7.10.05

Sectt. II-5 (a)—50,006—5-11-29.

Revenue DEPARTMENT.

	Date.	Initials.
When received for Fair-copying.		
When copied		
When examined		
When signed		
When despatched		

READ AGAIN G.O. No. 1452 Rev; dated 25 - 7 1934 19

" " " " 2592 Rev 13 - 12 - 1934 19

READ ALSO :— Repn. H

C. No. 44723/35 From the Board of Rev, No. 2880/, dated 3 - 9 - 1935. CF

19

19

ORDER. No. 2377, dated 8 - 10 - 1935.

mb.